

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	691	726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 15:39
L2	0	proof of work AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:14
L3	32	proof AND work AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:14
L4	4	(DOS OR denial of service) AND network AND proof AND work AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:20
L5	4	(DDOS OR DOS OR denial of service) AND network AND proof AND work AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:15
L6	59	threshold AND (DDOS OR DOS OR denial of service) AND network AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:21
L7	5	proof AND threshold AND (DDOS OR DOS OR denial of service) AND network AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:22
L8	30	intrusion AND threshold AND (DDOS OR DOS OR denial of service) AND network AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 14:24

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L9	30	(work OR process\$3 OR operat\$4 OR calculat\$4 OR crunch\$3) AND intrusion AND threshold AND (DDOS OR DOS OR denial of service) AND network AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 15:25
L10	0	computational work AND intrusion AND threshold AND (DDOS OR DOS OR denial of service) AND network AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 15:26
L11	0	(computational WITH work) AND intrusion AND threshold AND (DDOS OR DOS OR denial of service) AND network AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 15:26
L12	0	(computational NEAR work) AND intrusion AND threshold AND (DDOS OR DOS OR denial of service) AND network AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 15:26
L13	0	(computational SAME work) AND intrusion AND threshold AND (DDOS OR DOS OR denial of service) AND network AND 726/22.ccls. AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 15:26
L16	0	(computational task OR computational work OR computational interrogation OR client puzzle OR computation task OR computation work) AND denial of service AND ("726".clas. OR "713".clas. OR "380".clas.) AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 15:41
L17	18	(computational task OR computational work OR computational interrogation OR client puzzle OR computation task OR computation work) AND (DDOS OR DOS OR denial of service) AND ("726".clas. OR "713".clas. OR "380".clas.) AND (@pd<"20040414" or @ad<"20040414" or @prad<"20040414" or @rlad<"20040414")	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 15:42
L18	4	"6944663".pn. OR "7197639".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/18 17:24



client puzzles denial of service

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Patents

Patents 1 - 4 on **client puzzles denial of service**. (0.37 seconds)

Method and apparatus for using **client puzzles** to protect against **denial-of ...** [Sort by relevance](#) | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

US Pat. 6944663 - Filed Mar 6, 2002 - Sun Microsystems, Inc.

(54) METHOD AND APPARATUS FOR USING **CLIENT PUZZLES** TO PROTECT AGAINST **DENIAL-OF-SERVICE**

ATTACKS (75) Inventors: Christoph L. Schuba, Sandhausen (DE); ...

Method and apparatus for cryptographic protection from **denial of service** attacks

US Pat. 7139679 - Filed Jun 27, 2002 - Cisco Technology, Inc.

21, 2006 D. Dean et al., "Using **Client Puzzles** to Protect TLS," 10th Annual ...

Further, **denial of service** protection is conveniently implemented as a ...

Cryptographic countermeasures against connection depletion attacks

US Pat. 7197639 - Filed Feb 2, 2000 - RSA Security Inc.

The **client** puzzle protocol also allows for graceful degradation in **service**

when an attack is mounted. The size of the **puzzles** can be increased as the ...

Method and system for protecting a security parameter negotiation server ...

US Pat. 6904529 - Filed Apr 28, 2000 - Microsoft Corporation

"**Client Puzzles**: A Cryptographic Countermeasure Against Connection ... "Analysis of a **Denial of Service** Attack on TCP", Proceedings of the 1997 IEEE ...

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Patents

Patents 1 - 8 on **computational task denial of service**. (0.04 seconds)

System and method for preventing a spoofed remote procedure call denial of ... Sort by relevance | [Sort by date \(new first\)](#) | [Sort by date \(old first\)](#)

US Pat. 6775704 - Filed Dec 28, 2000 - Networks Associates Technology, Inc.

In addition, one variety of flood attack, known as a distributed **denial of service** (DDOS) attack, utilizes network broadcast messages to amplify the impact ...

Cryptographic countermeasures against connection depletion attacks

US Pat. 7197639 - Filed Feb 2, 2000 - RSA Security Inc.

In one embodiment, a client 110 that is equipped with a 20 program capable of solving a **computational task**. Such a program can be built into a browser, ...

Method and system for distributed generation of unique random numbers for ...

US Pat. 6948074 - Filed Mar 9, 2000 - 3Com Corporation

Computational burdens placed on a network address translation router may be ...

Absolute protection against **denial of service** is virtually impossible, ...

Generous tit-for-tat cooperative distributed computing

US Pat. 6061744 - Filed May 12, 1998 - Autodesk, Inc.

t . . . , •, j scheduler then schedules the various independent **task/** .. , , , ,

... involves a large number of **computational** intensive tasks/ and the grantor ...

Method and system for controlling attacks on distributed network address ...

US Pat. 7028335 - Filed Aug 27, 1999 - 3Com Corporation

"Random Number Generators", **Computational** Science Education Project, 1991, 1992, 1993, ... and limiting the disruption caused by **denial of service** attacks. ...

System and method for providing virtual network attached storage using ...

US Pat. 7139809 - Filed Nov 21, 2002 - ClearCube Technology, Inc.

To prevent **denial-of-service** attacks, a value in excess of a maximum value (eg, 9) may be reset to that maximum value. In 2409, a DCI "listener" in the core ...

Encryption key exchange protocol

US Pat. 6795555 - Filed Dec 30, 1999 - Nortel Networks Limited

... as one of the communicating parties and (iv) **denial of service** attacks, ...

However, there are high **computational** overheads associated with the ...

System and method of detecting events

US Pat. 7143442 - Filed Aug 2, 2001 - British Telecommunications

... of IP address behaviour, but at the expense of additional **computational** time.

... detecting "**denial of service** attacks", where multiple sources send ...

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Patents

Patents 1 - 10 on **computational work denial of service**. (0.05 seconds)

Method and apparatus for using client puzzles to protect against denial-of ... Sort by relevance | Sort by date (new first) | Sort by date (old first)

US Pat. 6944663 - Filed Mar 6, 2002 - Sun Microsystems, Inc.

A method for protecting a server against **denial-of- service** attacks, ... n varies the amount of **computational work** involved in computing the preimage x. 3. ...

Efficient certificate revocation

US Pat. 6487658 - Filed Dec 18, 1997 - Corestreet Security, Ltd.

... accused by users of **denial of service**. 15 At the most basic level (we shall

...: Because CILs require a minimum of **computational work** (essentially one ...

Method and apparatus for cryptographic protection from denial of service attacks

US Pat. 7139679 - Filed Jun 27, 2002 - Cisco Technology, Inc.

The decryption **service** 131 may be against **denial of service** attacks; implemented in

... 3A is a flowchart that illustrates a high level over- 60 **work** 155. ...

Method and apparatus for detecting denial-of-service attacks using kernel ...

US Pat. 7043756 - Filed Sep 27, 2001 - McAfee, Inc.

Server 110 also includes an magnitude of 1079 indicating that server 110 was

found to internal mechanism for detecting **denial-of-service** attacks. be ...

Cryptographic countermeasures against connection depletion attacks

US Pat. 7197639 - Filed Feb 2, 2000 - RSA Security Inc.

... 110 that is equipped with a 20 program capable of solving a **computational** task.

... can mount a **denial-of-service** attack simply by corrupting packets. ...

Secure aircraft communications addressing and reporting system (ACARS)

US Pat. 6677888 - Filed Aug 9, 2002 - Honeywell International, Inc.

ICAO has determined that **denial of service**, masquerade, and modification of

information are the primary safety threats to ATM. See, eg, Adnams, Martin, ...

Method for building classifier models for event classes via phased rule ...

US Pat. 6782377 - Filed Mar 30, 2001 - International Business Machines Corporation

Current **work** in deviation detection may fail. ... incidents of attack would be

rare as compared to the computer in a **denial-of-service** (dos) attack. ...

Method and system for controlling attacks on distributed network address ...

US Pat. 7028335 - Filed Aug 27, 1999 - 3Com Corporation

"Random Number Generators", **Computational** Science Education Project, 1991, 1992,

1993, ... and limiting the disruption caused by **denial of service** attacks. ...

Method and apparatus for individualized postage value computing

US Pat. 4504915 - Filed Jun 30, 1982 - Pitney Bowes Inc.

Hence, the updating **service** for the user tends to be less frequent and less 15
... pseudo rate charts for individualized postal rate **computational** services. ...

Generous tit-for-tat cooperative distributed computing

US Pat. 6061744 - Filed May 12, 1998 - Autodesk, Inc.

... "back end" portion 138 that operates to **service/** application back ends, step
164. ... involves a large number of **computational** intensive tasks/ and the ...



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